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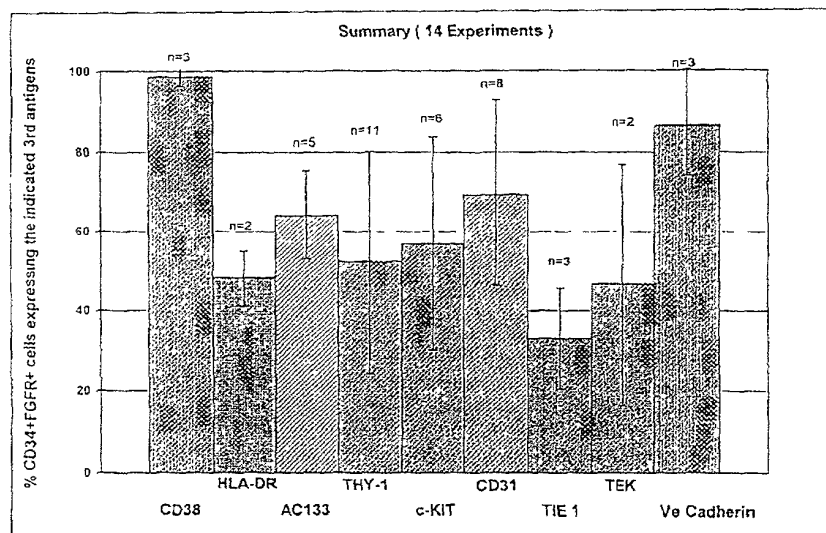
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(54) Title: STEM CELLS BEARING AN FGF RECEPTOR ON THE CELL SURFACE



(57) Abstract

A composition of substantially purified pluripotent stem cells are positive both for fibroblast growth factor receptor (FGFR) and a phenotype indicative of a primitive state, such as CD34<sup>+</sup>, CD34<sup>lin</sup><sup>-</sup>, Thy-1<sup>+</sup>, AC133<sup>+</sup> or c-kit<sup>+</sup>. The state of being an embryonic stem cell is also a phenotype indicative of a primitive state. This population may be further defined by the subpopulations thereof which have another marker thereon indicative of endothelial cells, such as TIE-1<sup>+</sup>, TEK<sup>+</sup>, CD31<sup>+</sup>, VE-Cadherin<sup>+</sup> or VEGFR<sup>+</sup> or indicative of stromal cells, such as STRO-1<sup>+</sup>.